

**SYSTEM AND METHOD FOR VOICE OVER IP****ABSTRACT OF THE DISCLOSURE**

[0043] A wireless telephone without IP capability nonetheless communicates with an infrastructure that uses IP. An infrastructure component assigns the wireless telephone a temporary IP address based on the location of the telephone, and then transforms over-the-air (OTA) voice protocol packets, such as IS-95 packets, from the wireless telephone to IP packets. The IP packets are sent through the infrastructure to another communication device. In turn, IP packets representing voice communication from the communication device are sent through the infrastructure, transformed to OTA packets, and transmitted to the wireless telephone.